

# ***WIRELESS VEHICLE DETECTION SYSTEMS***

## **Abstract of Disclosure**

The vehicle detection system described herein uses wireless magnetic sensors to measure changes in the earth's magnetic field to detect vehicles. The sensors may measure the presence and location of a vehicle, as well as the speed of passing vehicles. The sensor may also be capable of identifying and classifying vehicles. Each sensor and/or sensor system may be configured to consume so little power that it can operate from a battery for up to 10 years. While the preferred embodiment is wireless, the sensor and/or sensor systems may be configured to operate in a wired environment.

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## Figures

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